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| **Venika Gaur** | | |
| **Website**: [www.venikagaur.com](https://www.venikagaur.com/) | **LinkedIn**: [venikagaur](http://www.linkedin.com/in/venikagaur/) | **Email**: [venikagaur@gmail.com](mailto:venikagaur@gmail.com) | | |
| **Employment** | | |
| **Siemens** – Software Development Intern | | Jan 2020 – Apr 2020 |
| * Developed a data collection REST API for creating and querying application log data using Node.js. * Wrote a web app for creating and managing sprint tasks using React, GraphQL API, and AWS Amplify. * Maintained software by writing tests using Selenium and Jest. Achieved 100% code coverage. | | |
| **Siemens** – Infrastructure Development Intern | | Aug 2019 – Dec 2019 |
| * Automated the creation of virtual machines using Python, improving time efficiency by 85%. * Created Terraform modules to implement Infrastructure as Code (IaC) for Windows and Linux machines, reducing manual input by 90%. * Expediated consumer product release by writing Python and Bash scripts to automate testing. | | |
| University of Alabama in Huntsville – Resident Assistant | | July 2018 – May 2020 |
| * Implemented a Java program to create unique inventory codes for over 8000 pieces of furniture, successfully solving the inventory issues in the campus residence halls. * Created a Python program to monitor floor’s group messages to ensure a healthy living community. | | |
| **University of Alabama in Huntsville** – Honors Tutor | | Jan 2017 – May 2020 |
| * Tutored students in the fundamental concepts of object-oriented programming, data structures, algorithms, web development, android app development, and game development. * Created and provided learning materials and assignments to over 100 students. | | |
| **Education** | | |
| **University of Alabama in Huntsville** | Huntsville, Al | |
| * B.S. in Computer Science with Minor in Mathematics, July 2020. * Graduated Magna Cum Laude. GPA: 3.75. | | |
| **Projects** | | |
| * **Music Machine –** A virtual piano that lets users create a melody, save it to the cloud and then share its link with others. *JavaScript, Express JS, Mongo DB*. * **BaatCheet Chat App –** A real time chat application where multiple users can enter a chat room and send instant messages to each other. *Node JS, Web Sockets*. * **EasyTweet –** An Android application that utilizes Twitter REST API to allow users to view their twitter timeline, post a tweet and interact with other twitter posts. *Java*. | | |
| **Additional Experience and Awards** | | |
| **Web Developer** | Oct 2020 – Present | |
| * Designed and developed websites pro-bono for small businesses affected by COVID-19. | | |
| **TechTogether Atlanta Speaker** | Feb 2021 | |
| * Led an engaging virtual workshop on algorithms and data structures for over 800 global participants. | | |
| **Boeing New Business Challenge** | Oct 2017 – Mar 2018 | |
| * Designed and developed an Android application for sharing meals and won 2nd place and $3500 prize. | | |
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| **Skills** | | |
| * **Languages:** Java, JavaScript, HTML/CSS, Python, Lua. * **Technologies:** React, Node.js, MongoDB, Express, Amazon Web Services, RESTful web services. | | |